

# SHARP

Important



## R-632 MICROWAVE OVEN WITH GRILL OPERATION MANUAL WITH COOKBOOK

### OPERATION MANUAL

This operation manual contains important information which you should read carefully before using your microwave oven.

**IMPORTANT:** There may be a serious risk to health if this operation manual is not followed or if the oven is modified so that it operates with the door open.

800 W (IEC 705)

ENGLISH

Dear Customer,

Congratulations on acquiring your new microwave oven with grill, which from now on will make your kitchen chores considerably easier.

You will be pleasantly surprised by the kinds of things you can do with a microwave. Not only can you use it for rapid defrosting or heating up of food, you can also prepare whole meals.

In our test kitchen our microwave team has gathered together a selection of the most delicious international recipes which are quick and simple to prepare.

Be inspired by the recipes we have included and prepare your own favourite dishes in your microwave oven.

There are so many advantages to having a microwave oven which we are sure you will find exciting:

- Food can be prepared directly in the serving dishes, leaving less to wash up.
- Shorter cooking times and the use of little water and fat ensure that many vitamins, minerals and characteristic flavours are preserved.

We advise you to read the cookery book guide and operating instructions carefully.

You will then easily understand how to use your oven.

Enjoy using your microwave oven and trying out the delicious recipes.

## CONTENTS



|  |       |
|--|-------|
| OVEN AND ACCESSORIES .....             | 2     |
| CONTROL PANEL .....                    | 3     |
| IMPORTANT SAFETY INSTRUCTIONS .....    | 4-6   |
| INSTALLATION .....                     | 6     |
| BEFORE OPERATION .....                 | 7     |
| SETTING THE CLOCK .....                | 7     |
| MICROWAVE POWER LEVEL .....            | 8     |
| MICROWAVE COOKING .....                | 8-9   |
| GRILL COOKING/DUAL GRILL COOKING ..... | 10    |
| OTHER CONVENIENT FUNCTIONS .....       | 11-12 |
| AUTO COOK OPERATION .....              | 13    |
| AUTO COOK CHARTS .....                 | 14-16 |
| RECIPES FOR AUTO COOK AC-4 .....       | 17    |
| CARE AND CLEANING .....                | 18    |
| SERVICE CALL CHECK .....               | 18    |
| SPECIFICATIONS .....                   | 19    |
| SERVICE ADDRESSES .....                | 20-23 |

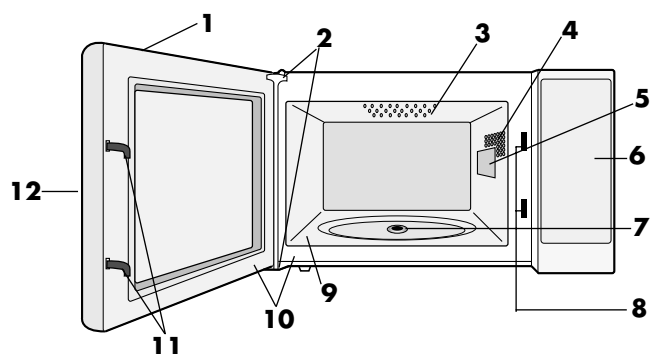


ENGLISH

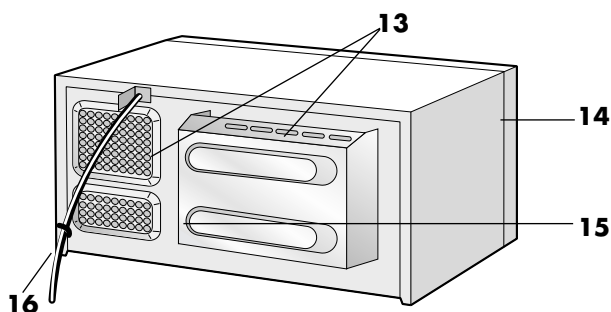


## OVEN AND ACCESSORIES

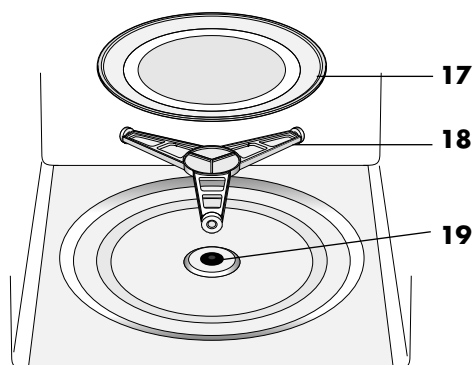
### OVEN



- 1 Door
- 2 Door hinges
- 3 Grill heating element
- 4 Oven lamp
- 5 Waveguide cover
- 6 Control panel
- 7 Seal packing
- 8 Door lock openings
- 9 Oven cavity
- 10 Door seals and sealing surfaces
- 11 Door safety latches
- 12 Door open handle



- 13 Ventilation openings
- 14 Outer cabinet
- 15 Rear cabinet
- 16 Power supply cord



### ACCESSORIES:

Check to make sure the following accessories are provided:

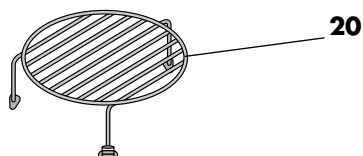
(17) Turntable (18) Roller stay (19) Seal packing (20) Rack

Place the roller stay in the seal packing on the floor of the cavity.

Then place the turntable on the roller stay.

To avoid turntable damage, ensure dishes or containers are lifted clear of the turntable rim when removing them from the oven.

**NOTE:** When you order accessories, please mention two items: part name and model name to your dealer or SHARP authorised service agent.



## CONTROL PANEL









### CONTROL PANEL

#### 1 Digital Display

#### 2 Indicators

The appropriate indicator will flash or light up, just above each symbol according to the instruction. When an indicator is flashing, press the suitable button (having the same symbol) or do the necessary operation.

-  Stir
-  Turn over
-  Weight/power level
-  Grill
-  Microwave indicator
-  Cooking in progress indicator

#### 3 AUTO COOK button

Press to select one of the ten automatic programmes.

#### 4 COOKING MODE button

Press to select either microwave, grill or dual grill.

- x 1 press once to select microwave function
- x 2 press twice to select the grill
- x 3 press three times to select dual mode, microwave with grill

#### 5 STOP button

#### 6 +1min/START button

#### 7 TIMER/WEIGHT/POWER knob



## IMPORTANT SAFETY INSTRUCTIONS

### IMPORTANT SAFETY INSTRUCTIONS: READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

#### To avoid the danger of fire

**The microwave oven should not be left unattended during operation. Power levels that are too high or cooking times that are too long may overheat foods resulting in a fire.**

This oven is not designed to be built in to a kitchen unit. The electrical outlet must be readily accessible so that the unit can be unplugged easily in an emergency. The AC power supply must be 230V, 50Hz, with a minimum 16A distribution line fuse, or a minimum 16A distribution circuit breaker.

It is recommended that a separate circuit serving only this appliance be provided.

Do not place the oven in areas where heat is generated. For example, close to a conventional oven.

Do not install the oven in an area of high humidity or where moisture may collect.

Do not store or use the oven outdoors.

**If food being heated begins to smoke, DO NOT OPEN THE DOOR. Turn off and unplug the oven and wait until the food has stopped smoking. Opening the door while food is smoking may cause a fire.**

**Use only microwave-safe containers and utensils. See Page X.**

**Do not leave the oven unattended when using disposable plastic, paper or other combustible food containers.**

**Clean the waveguide cover, the oven cavity, the turntable and roller stay after use. These must be dry and free from grease. Built-up grease may overheat and begin to smoke or catch fire.**

Do not place flammable materials near the oven or ventilation openings. Do not block the ventilation openings.

Remove all metallic seals, wire twists, etc., from food and food packages. Arcing on metallic surfaces may cause a fire.

Do not use the microwave oven to heat oil for deep frying. The temperature cannot be controlled and the oil may catch fire.

To make popcorn, use only special microwave popcorn makers.

Do not store food or any other items inside the oven.

Check the settings after you start the oven to ensure the oven is operating as desired.

See the corresponding hints in this operation manual and the cookery book section.

#### To avoid the possibility of injury

##### **WARNING:**

Do not operate the oven if it is damaged or malfunctioning. Check the following before use:

- a) The door; make sure the door closes properly and ensure it is not misaligned or warped.
- b) The hinges and safety door latches; check to make sure they are not broken or loose.
- c) The door seals and sealing surfaces; ensure that they have not been damaged.
- d) Inside the oven cavity or on the door; make sure there are no dents.
- e) The power supply cord and plug; ensure that they are not damaged.

**Never adjust, repair or modify the oven yourself. It is hazardous for anyone other than a competent person to carry out any service or repair operation which involves the removal of a cover which gives protection against exposure to microwave energy.**

Do not operate the oven with the door open or alter the door safety latches in any way.

Do not operate the oven if there is an object between the door seals and sealing surfaces.

**Do not allow grease or dirt to build up on the door seals and adjacent parts. Follow instructions for "Care and Cleaning", Page 18.**

Individuals with PACEMAKERS should check with their doctor or the manufacturer of the pacemaker for precautions regarding microwave ovens.

#### **To avoid the possibility of electric shock**

Under no circumstances should you remove the outer cabinet.

Never spill or insert any objects into the door lock openings or ventilation openings. In the event of a spill, turn off and unplug the oven immediately, and call an authorised SHARP service agent.

Do not immerse the power supply cord or plug in water or any other liquid.

Do not let the power supply cord hang over the edge of a table or work surface.

Keep the power supply cord away from heated surfaces, including the rear of the oven.

Do not attempt to replace the oven lamp yourself or allow anyone who is not an electrician authorised by SHARP to do so. If the oven lamp fails, please consult your dealer or an authorised SHARP service agent.

## IMPORTANT SAFETY INSTRUCTIONS



If the power supply cord of this appliance is damaged, it must be replaced with a special cord. The exchange must be made by an authorised SHARP service agent.

### To avoid the possibility of explosion and sudden boiling:

**WARNING: Liquids and other foods must not be heated in sealed containers since they are liable to explode.**

Never use sealed containers. Remove seals and lids before use. Sealed containers can explode due to a build up of pressure even after the oven has been turned off.

Take care when microwaving liquids. Use a wide-mouthed container to allow bubbles to escape.

**Never heat liquids in narrow necked containers such as baby bottles, as this may result in the contents erupting from the container when heated and cause burns.**

To prevent sudden eruption of boiling liquid and possible scalding:

1. Stir liquid prior to heating/reheating.
2. It is advisable to insert a glass rod or similar utensil into the liquid whilst reheating.
3. Let liquid stand in the oven at the end of cooking time to prevent delayed eruptive boiling.

**Do not cook eggs in their shells, and whole hard boiled eggs should not be heated in microwave ovens since they may explode even after microwave cooking has ended. To cook or reheat eggs which have not been scrambled or mixed, pierce the yolks and the whites, or the eggs may explode. Shell and slice hard boiled eggs before reheating them in the microwave oven.**

Pierce the skin of such foods as potatoes, sausages and fruit before cooking, or they may explode.

### To avoid the possibility of burns

Use pot holders or oven gloves when removing food from the oven to prevent burns.

Always open containers, popcorn makers, oven cooking bags, etc., away from the face and hands to avoid steam burns.

**To avoid burns, always test food temperature and stir before serving and pay special attention to the temperature of food and drink given to babies, children or the elderly.**

Temperature of the container is not a true indication of the temperature of the food or drink; always check the food temperature.

Always stand back from the oven door when opening to avoid burns from escaping steam and heat.

Slice stuffed baked foods after heating to release steam and avoid burns.

Keep children away from the door to prevent them burning themselves.

Do not touch the oven door, outer cabinet, rear cabinet, oven cavity, ventilation openings, accessories and dishes during **GRILL** mode, **DUAL GRILL** mode and **AUTO COOK** operation as they will become hot. Before cleaning make sure they are not hot.

### To avoid misuse by children

**WARNING: Only allow children to use the oven without supervision when adequate instructions have been given so that the child is able to use the oven in a safe way and understands the hazards of improper use.**

Do not lean or swing on the oven door. Do not play with the oven or use it as a toy.

Children should be taught all important safety instructions: use of pot holders, careful removal of food coverings; paying special attention to packaging (e.g. self-heating materials) designed to make food crisp, as they may be extra hot.

### Other warnings

Never modify the oven in any way.

Do not move the oven while it is in operation.

This oven is for home food preparation only and may only be used for cooking food. It is not suitable for commercial or laboratory use.

### To promote trouble-free use of your oven and avoid damage.

Never operate the oven when it is empty except where recommended in the operation manual, see Page 10 Note 2. Doing so may damage the oven.

When using a browning dish or self-heating material, always place a heat-resistant insulator such as a porcelain plate under it to prevent damage to the turntable and roller stay due to heat stress. The preheating time specified in the dish's instructions must not be exceeded.

Do not use metal utensils, which reflect microwaves and may cause electrical arcing. Do not put cans in the oven.

ENGLISH



## IMPORTANT SAFETY INSTRUCTIONS

Use only the turntable and the roller stay designed for this oven.

To prevent the turntable from breaking:

- (a) Before cleaning the turntable with water, leave the turntable to cool.
- (b) Do not put hot foods or hot utensils on a cold turntable.
- (c) Do not put cold foods or cold utensils on a hot turntable.

Do not place anything on the outer cabinet during operation.

Do not use plastic containers for microwaving if the oven is still hot from using the **GRILL** mode, **DUAL GRILL** mode and **AUTO COOK** operation, because they may melt. Plastic containers must not be used during above modes unless the container manufacturer says they are suitable.

### NOTE:

If you are unsure how to connect your oven, please consult an authorised, qualified electrician.

Neither the manufacturer nor the dealer can accept any liability for damage to the oven or personal injury resulting from failure to observe the correct electrical connection procedure.

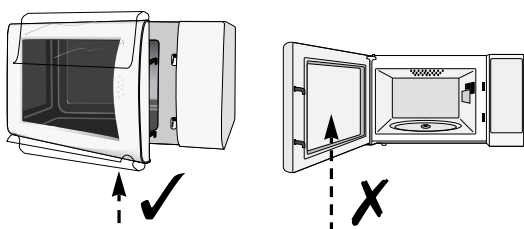
Water vapour or drops may occasionally form on the oven walls or around the door seals and sealing surfaces. This is a normal occurrence and is not an indication of microwave leakage or a malfunction.



## INSTALLATION

1. Remove all packing materials from the inside of the oven cavity. Discard the loose polythene sheet from between the door and cavity. Remove the feature sticker, if attached, from the **outside** of the door.

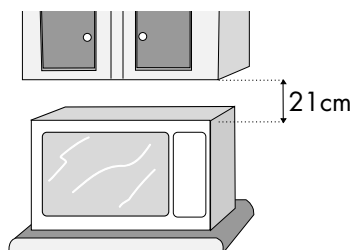
Do not remove the protective film attached to the **inside** of the door.



2. Check the oven carefully for any signs of damage.

3. Place the oven on a flat, level surface strong enough to support the oven's weight plus the heaviest item likely to be cooked.

4. The oven door becomes hot during cooking, place or mount the oven so that the bottom of the oven is 85cm or more above the floor.
5. Ensure there is a minimum free space above the oven of 21 cm.



6. Securely connect the plug of the oven to a standard earthed (grounded) household electrical outlet.



## BEFORE OPERATION



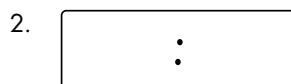
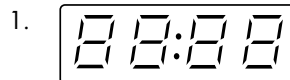
Plug in the oven.

1. The oven display will flash:
2. Press the **STOP** button, the display will show .
3. To set the clock, see below.
4. Heat the oven without food. (See page 10, Note 2).

### Using the STOP button

Use the **STOP** button to:

1. Erase a mistake during programming.
2. Stop the oven temporarily during cooking.
3. Cancel a programme during cooking, touch twice.



**STOP**



## SETTING THE CLOCK



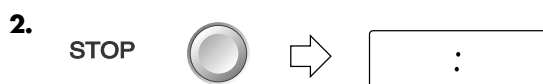
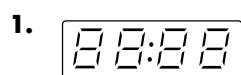
**NOTE:** Plug the oven in. The display will flash . Press the **STOP** button and the display will show . Set the clock according to the following instructions. If the power to the oven is interrupted, when it is plugged in again the display will flash . If this occurs when the oven is operating, the programme will be lost. The time of day will also be lost. The clock must be reset to the correct time of day.

Example:

To set the 24 hour clock to 23:35.

(To set the 12-hour clock, press and hold the **COOKING MODE** button for 3 seconds. The display shows .)

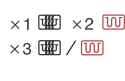
To set the 24-hour clock, press the **COOKING MODE** button again after step 3 below. The display will show .



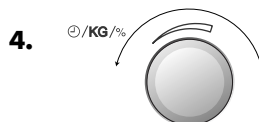
The display flashes.



1 x hold for 3 seconds.



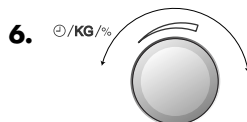
Press to enter the 24-hour clock.



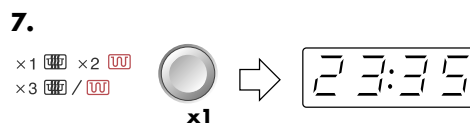
Enter the hours by rotating the **TIMER/WEIGHT/POWER** knob.



Press to change from hours to minutes.



Enter the minutes.



Press to start the clock.

**(Example)**



## MICROWAVE POWER LEVEL

Your oven has 5 power levels. To choose the power level for cooking, follow the advice given in the recipe section. Generally the following recommendations apply:

**100P** (800 W) used for fast cooking or reheating e.g. for plated meals, hot beverages, vegetables, fish, etc.

**70P** (560 W) For longer cooking of dense foods such as roast joints. For sensitive dishes, eg. cheese sauce, reduce the power setting. At a reduced setting, the dishes will not boil over and meat will cook evenly without over cooking at the sides.

**50P** (400 W) For dense foods which require a long cooking time when prepared conventionally, eg. beef dishes, it is advisable to reduce the power setting and increase the cooking time. In this way, the meat will be more tender.

**30P** (240 W DEFROST SETTING). To defrost, select a low power setting. This ensures that the dish defrosts evenly. This setting is also ideal for simmering rice, pasta and dumplings.

**10P** (80 W) For gentle defrosting, eg. cream gateaux, you should select the lowest power setting.

**P = Percentage**

To set the microwave power level :

Rotate the **TIMER/WEIGHT/POWER** knob clockwise to select cooking time.

Press the **COOKING MODE** button once (microwave only).

To change the microwave power level rotate the knob until the desired power level is reached.

Press the **+1min/START** button.

**NOTE:** If the power level is not selected, 100P is automatically set.

## MICROWAVE COOKING



Your oven can be programmed for up to 90 minutes. (90.00) The input unit of cooking (defrosting) time varies from 10 seconds to five minutes. It depends on the total length of the cooking (defrosting) time as shown on the table.

### Cooking time

0-5 minutes  
5-10 minutes  
10-30 minutes  
30-90 minutes

### Increasing unit

10 seconds  
30 seconds  
1 minute  
5 minutes

### Example:

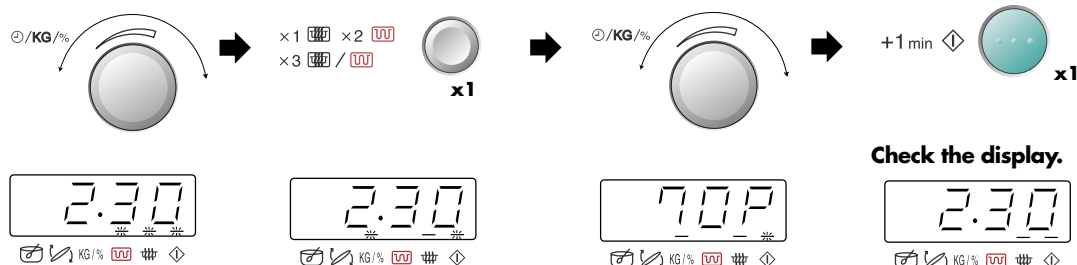
Suppose you want to heat soup for 2 minutes and 30 seconds on 70P microwave power.

Enter desired cooking time by rotating **TIMER/WEIGHT/POWER** knob clockwise.

Choose desired cooking mode by pressing **COOKING MODE** button once (microwave only).

Choose desired power by rotating the **TIMER/WEIGHT/POWER** knob clockwise.

Press **+1 min/START** button once to begin cooking.



### NOTE:

1. When the door is opened during the cooking process, the cooking time on the digital display stops automatically. The cooking time starts to count down again when the door is closed and the **+1 min/START** button is pressed.
2. If you wish to know the power level during cooking, press the **COOKING MODE** button. As long as your finger is touching the **COOKING MODE** button, the power level will be displayed.
3. You can rotate the **TIMER/WEIGHT/POWER** knob clockwise or counter-clockwise. If you rotate the knob counter-clockwise, the cooking time will decrease from 90 minutes by degrees.



## GRILL COOKING/DUAL GRILL COOKING

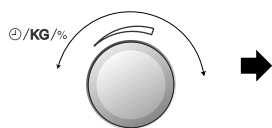
This microwave oven has two **GRILL** cooking modes: 1. Grill only. 2. Grill with microwave.

### 1. GRILL ONLY COOKING

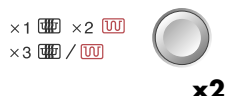
This mode can be used to Grill/Brown food.

**Example :** To make toast for 4 minutes.

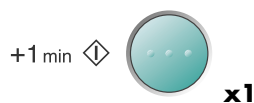
Enter desired cooking time by rotating the **TIMER/WEIGHT/POWER** knob clockwise.



Choose the desired cooking mode by pressing the **COOKING MODE** button twice. (Grill only).



Press the **+1 min/START** button once to begin cooking.



**Check the display.**



#### NOTE:

1. The rack is recommended for grilling of flat pieces of food.
2. You may detect smoke or a burning smell when using the grill for the first time, this is normal and not a sign that the oven is out of order.  
To avoid this problem, when first using the oven, operate the grill without food for 20 minutes.

### 2. DUAL GRILL COOKING

This mode uses a combination of Grill power and Microwave power (**10P to 50P**).

The Microwave power level is preset to **30P**.

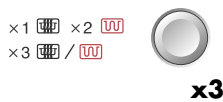
#### Example:

To cook kebabs (as per recipe page XX in the Cookbook) for 7 minutes on **DUAL GRILL MEDIUM (50P)**.

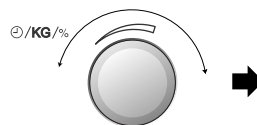
Enter the desired cooking time by rotating the **TIMER/WEIGHT/POWER** knob clockwise.



Choose the desired cooking mode by pressing the **COOKING MODE** button three times to select Microwave with Grill.



Rotate the **TIMER/WEIGHT/POWER** knob to the desired microwave power level.



Press the **+1 min/START** button once to begin cooking.



**Check the display.**



## OTHER CONVENIENT FUNCTIONS



### 1. MULTIPLE SEQUENCE COOKING

A sequence of 3 stages (maximum) can be programmed using combinations of **MICROWAVE**, **GRILL** or **DUAL GRILL**

#### Example:-

To cook : 2 minutes and 30 seconds on 70P power (Stage 1)  
5 minutes Grill only (Stage 2)

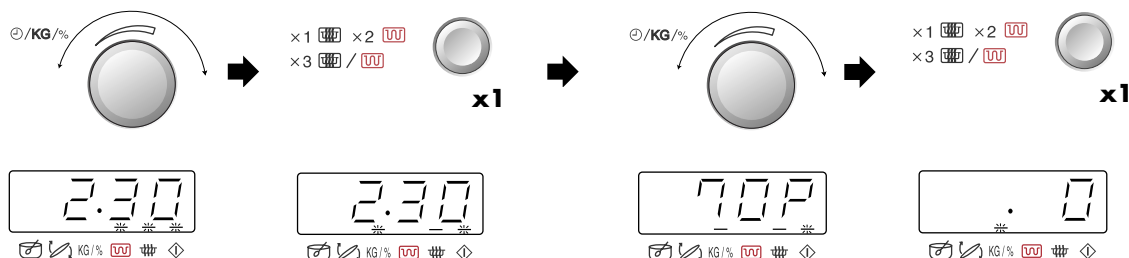
#### STAGE 1

Enter the desired cooking time by rotating **TIMER/WEIGHT/POWER** knob clockwise.

Choose the desired cooking mode by pressing **COOKING MODE** button once (microwave only).

Enter the desired power level by rotating **TIMER/WEIGHT/POWER** knob clockwise.

Press the **COOKING MODE** button before programming Stage 2.

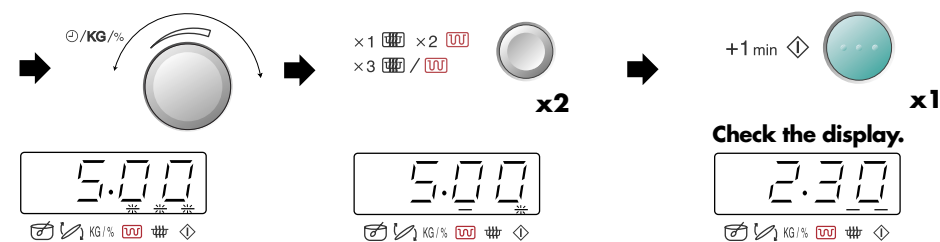


#### STAGE 2

Enter desired time by rotating **TIMER/WEIGHT/POWER** knob clockwise.

Choose the desired cooking mode by pressing the **COOKING MODE** button twice (Grill only).

Press **+1 min/START** button once to begin cooking.



(The oven will begin to cook for 2 minutes and 30 seconds at 70P, and then for 5 minutes on Grill only).

#### Example:

To cook Zucchini Noodle Gratin (page XX, Cookbook).

1. 21 minutes at 100P.
2. 6 minutes Dual Grill at 50P.



## OTHER CONVENIENT FUNCTIONS

### 2. MINUTE PLUS FUNCTION

The **+1 min/START** button allows you to operate the two following functions:

a. Direct start

You can directly start cooking on 100P microwave power level for 1 minute by pressing the **+1 min/START** key.



**NOTE:**

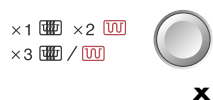
To avoid the misuse by children the **+1 min/START** button can be used only within 1 minute after preceding operation, i.e., closing the door or pressing the **STOP** button.

b. Extend the cooking time.

You can extend the cooking time for multiples of 1 minute if the button is pressed while the oven is in operation.

### 3. TO CHECK THE POWER LEVEL

To check the microwave power level during cooking press the **COOKING MODE** button.



As long as your finger is touching the **COOKING MODE** button the power level will be displayed.

The oven continues to count down although the display shows the power level.

## AUTO COOK OPERATION



**AUTO COOK** automatically works out the correct cooking mode and cooking time. You can choose from 10 **AUTO COOK** menus. What you need to know when using this automatic function:

1. Press the **AUTO COOK** button once, the display will appear as shown.  
The menu can be chosen by pressing the **AUTO COOK** button until the desired menu number is displayed. See pages 14-16 "**AUTO COOK** charts".
2. The weight or quantity of the food can be input by rotating the **TIMER/WEIGHT/POWER** knob until the desired weight/quantity is displayed.
  - Enter the weight of the food only. Do not include the weight of the container.
  - For food weighing more or less than weights/quantities given in the **AUTO COOK** charts, use manual programmes. For best results, follow the cooking charts in the cookbook.
3. To start cooking press **+1 min/START** button.

When action is required (e.g. to turn food over) the oven stops and the audible signals sound, remaining cooking time and any indicator will flash on the display. To continue cooking, press the **+1 min/START** button.

The final temperature will vary according to the initial temperature. Check food is piping hot after cooking. If necessary, you can extend the cooking time and change the power level.

### Example:

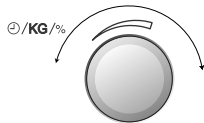
To cook Gratin 1.5 kg (AC - 9)

Select the menu required by pressing the **AUTO COOK** button nine times.

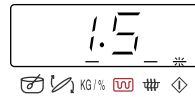
AUTO COOK



Enter the weight by rotating the **TIMER/WEIGHT/POWER** knob clockwise.



Press the **+1 min/START** button once.





## AUTO COOK CHARTS

### AUTO COOK AC-1

#### French Fried Potatoes

Quantity: 0.2 - 0.3 kg  
 Utensils: Flan dish  
 Rack  
 Increasing unit: 50 g  
 Initial food temp: -18°C, (frozen)  
 Recommended  
 Menus: Frozen french fries  
 (recommended for conventional  
 oven preparation)

#### Procedure:

- Remove the frozen french fried potatoes from the package and place them on a china dish.
- Place the dish on the rack in the oven.
- When the audible signals sound, turn over.
- After cooking, remove from the dish and put on a plate for serving. (No standing time is necessary).
- Add salt to taste.

#### NOTE:

The dish gets very hot during cooking. To avoid burning yourself, please use oven gloves for removing the pan from the oven.

### AUTO COOK AC-2

#### Boiled Potatoes, Jacket Potatoes

Quantity: 0.1 - 0.8 kg  
 Utensils: Bowl & lid  
 Increasing unit: 100 g  
 Initial food temp: 20°C (room temperature)

#### Procedure:

Boiled Potatoes: Peel the potatoes and cut them into similar sized pieces.

Jacked Potatoes: Choose potatoes of similar size and wash them.

- Put the boiled or jacket potatoes into a bowl.
- Add the required amount of water (per 100 g) approx 2 tbsp and a little salt.
- Cover with a lid
- When the oven stops and the audible signals sound, stir and re-cover.
- After cooking, let the potatoes stand for 1-2 minutes.

### AUTO COOK AC-3

#### Frozen vegetables

Quantity: 0.1 - 0.6 kg  
 Utensils: Bowl & Lid  
 Increasing unit: 100 g  
 Initial food temp: -18°C, (frozen)  
 Recommended  
 Menus: Brussels sprouts, green beans,  
 peas, mixed vegetables,  
 broccoli.

#### Procedure:

- Add 1 tbsp water per 100 g. (For mushrooms no additional water is necessary).
- Cover with a lid.
- When the oven stops and the audible signals sound, stir and re-cover.
- After cooking, let stand for approx. 1-2 minutes.

#### NOTE:

If frozen vegetables are compacted together, cook manually

### AUTO COOK AC-4

#### Fish fillets with sauce

Quantity: 0.4 - 1.2 kg\*  
 (fish: 0.2 - 0.6 kg)  
 (sauce: 0.2 - 0.6 kg)  
 Utensils: Flan dish & microwave plastic wrap  
 Increasing unit: 100g  
 Initial food temp: Fish 5°C  
 Recommended  
 Menus: Fish: Cod fish, Rose fish, Coal fish  
 Sauce: Provencal sauce, Piquant  
 sauce, Leek and cheese sauce,  
 Curry sauce.

#### Procedure:

- Put the fish fillet in a flan dish with the thin ends towards the centre.
- Spread the prepared sauce on the fish fillet.
- Cover with microwave plastic wrap and cook.
- After cooking let the food stand for approx. 2 minutes.

\* Total weight of fish and sauce

See recipes for sauces on Page 17.



## AUTO COOK CHARTS



### AUTO COOK AC-5

#### Grilled Chicken

Quantity: 0.9 - 1.4 kg  
 Utensils: Flan dish  
 Increasing unit: 100 g  
 Initial food temp: 5°C, chilled  
 Recommended  
 Menus: Chicken  
 Ingredients for 1.2 kg grilled chicken:  
 Salt and pepper, 1 tsp sweet paprika, 2 tbsp oil

#### Procedure:

- Mix the ingredients and spread on the chicken.
- Pierce the skin of the chicken.
- Put chicken on a flan dish breast side down.
- Place directly on the turntable and cook.
- When audible signals sound, turn the chicken over.
- After cooking, remove and put on a plate for serving. (No standing time necessary).

### AUTO COOK AC-6

#### Chicken legs

Quantity: 0.2 - 0.6 kg  
 Utensils: Rack  
 Increasing unit: 100 g  
 Initial food temp: 5°C, chilled  
 Recommended  
 Menus: Chicken legs  
 Ingredients for 0.6 kg chicken legs:  
 (3 pieces), 1-2 tbsp oil,  $\frac{1}{2}$  tsp salt, 1 tsp sweet  
 paprika, 1 tsp rosemary.

#### Procedure

- Mix the ingredients and spread on the chicken legs.
- Pierce the skin of the chicken legs.
- Put the chicken legs on the rack, skin side down, with the thin ends towards the centre.
- When audible signals sound, turn the food over.
- After cooking, remove and put on a plate for serving. (No standing time is necessary).

### AUTO COOK AC-7

#### Roast Pork

Quantity: 0.6 - 1.5 kg  
 Utensils: Flan dish  
 Increasing unit: 100 g  
 Initial food temp: 5°C, chilled  
 Recommended  
 Menus: rolled lean pork  
 Ingredients for 1 kg rolled lean pork  
 1 garlic clove, crushed, 2 tbsp oil, 1 tbsp sweet  
 paprika, a little cumin powder, 1 tsp salt.

#### Procedure:

- Lean roast pork is recommended.
- Mix all ingredients and spread them onto the pork.
- Place the pork in a flan dish directly on the turntable and cook.
- When audible signal sounds, turn the food over.
- After cooking, let the food stand wrapped in aluminium foil for approx. 10 minutes.

### AUTO COOK AC-8

#### Grill Skewers

Quantity: 0.2 - 0.6 kg  
 Utensils: Rack  
 Increasing unit: 100 g  
 Initial food temp: 5°C, chilled  
 Recommended  
 Menus: Kebabs  
 See recipes page XX.

#### Procedure:

- Prepare the grill skewers.
- Place on a rack and cook.
- When the audible signal sounds turn over.
- After cooking, remove and put on a plate for serving. (No standing time necessary).



## AUTO COOK CHARTS

### AUTO COOK AC- 9

#### Gratin

Quantity: 0.5 - 1.5 kg  
 Utensils: Shallow, oval gratin dish  
 Increasing unit: 100 g  
 Initial food temp: 20°C, (room temperature)  
 Recommended  
 Menus: Courgette and pasta gratin.

#### Procedure:

- Prepare the gratin referring to the attached cookbook section, page XX.
- After cooking, let the food stand covered for approx. 5-10 minutes.

### AUTO COOK AC-0

#### Easy Defrost

This menu can be used to defrost Chicken legs, Steak, Chops, Fish fillet, Poultry.

#### Chicken legs, Steak, Chops, Fish fillet

Quantity: 0.2 - 0.8 kg  
 Utensils: (See note below)  
 Increasing unit: 100 g  
 Initial food temp: -18°C, (frozen)

#### Procedure:

- Place the food on a plate in the centre of the turntable.
- When the oven stops and the audible signals sound, turn the food over, rearrange and separate.
- When the oven stops and the audible signals sound, turn the food over, rearrange and separate again.
- After defrosting, wrap in aluminium foil for 10-30 minutes, until thoroughly defrosted.

#### Poultry

Quantity: 0.9 - 1.5 kg  
 Utensils: (See note below)  
 Increasing unit: 100 g  
 Initial food temp: -18°C, (frozen)

#### Procedure:

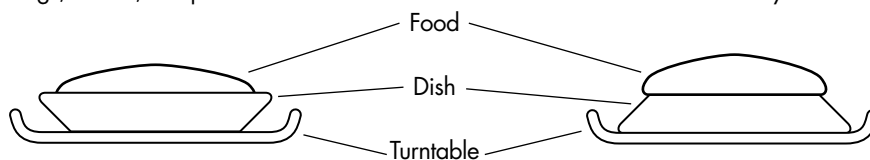
- Place a plate upside down on the turntable and put the poultry breast side down on the plate.
- When the oven stops and the audible signal sounds, turnover and repeat every time the oven stops and the audible signal sounds.
- After defrosting, cover with aluminium foil and stand for 30-90 minutes until thoroughly defrosted.

#### NOTE: Easy Defrost (AC-0)

- 1 Steaks, Chops, Chicken legs and Fish fillets should be frozen in one layer.
- 2 After turning over, shield the defrosted portions with small, flat pieces of aluminium foil.
- 3 The poultry should be processed immediately after defrosting.
- 4 Arrange the food in the oven as shown:

Chicken legs, Steaks, Chops and Fish fillets

Poultry



## RECIPES FOR AUTO COOK AC-4



### Fish fillet with sauce - Cod fish fillet Provençal

#### Ingredients

|            |   |
|------------|---|
| 15-20 g    | butter                                    |
| 75 g       | mushrooms cut in slices                   |
| 1 clove    | garlic (crushed)                          |
| 40-50 g    | spring onion                              |
| 600 g      | tinned tomatoes without juice, drain well |
| 1 tsp      | lemon juice                               |
| 1 1/2 tbsp | tomato ketchup                            |
| 1/2-1 tsp  | dried basil, salt and pepper              |
| 600 g      | cod fish fillet                           |

#### Preparation

1. Cook butter, mushrooms, onions and garlic together in a flan dish for 3-4 mins. on 100P.
2. Mix tomatoes, lemon juice, ketchup, basil, salt and pepper.
3. Place fish fillet on the vegetables and cover with sauce and some vegetables.
4. Cook on AUTO COOK AC-4 "Fish fillets with sauce".

### Fish fillet with Leek and Cheese-sauce

#### Ingredients

|         |                              |
|---------|------------------------------|
| 40 g    | butter                       |
| 125 g   | spring onion                 |
| 1/2 tsp | dried Marjoram               |
| 30 g    | flour                        |
| 375 ml  | milk                         |
| 75 g    | grated Gruyere, salt, pepper |
| 1 tbsp  | chopped parsley              |
| 600 g   | fish fillet (e.g. coal fish) |

#### Preparation

1. Put butter, onions and Marjoram in a casserole and heat for 3-4 mins on 100P.
2. Stir in the flour and add the milk. Stir to a smooth sauce.
3. Cook for 3-4 mins on 100P uncovered.
4. Stir in the cheese, season to taste.
5. Place the fish fillet in a quiche dish and pour the sauce over it.
6. Cook on AUTO COOK AC-4 "Fish fillets with sauce".
7. After cooking take out the fish and stir the sauce well.

### Fish fillet with Piquant sauce

#### Ingredients

|         |                             |
|---------|-----------------------------|
| 450 g   | canned tomatoes, drain      |
| 150 g   | corn                        |
| 2 tsp   | chilli sauce                |
| 30 g    | onion, finely chopped       |
| 2 tsp   | red wine vinegar            |
| 1/4 tsp | mustard                     |
| 1 spice | thyme                       |
| 1 spice | cayenne pepper              |
| 600 g   | fish fillet (e.g. rosefish) |

#### Preparation

1. Mix ingredients for the sauce.
2. Place fish fillet (e.g. Rosefish fillet) in a quiche dish and spread the sauce on fish fillet.
3. Cook on AUTO COOK AC-4 "Fish fillets with sauce".

### Fish fillet with Curry sauce

#### Ingredients

|              |                             |
|--------------|-----------------------------|
| 30 g         | butter                      |
| 20 g         | chopped almonds             |
| 1-1 1/2 tbsp | curry                       |
| 25 g         | flour (wholemeal)           |
| 30 g         | raisins                     |
| 150 g        | pineapples (small pieces)   |
| 100 ml       | broth                       |
| 100 ml       | pineapple juice             |
| 100 g        | sour cream                  |
| 75 g         | peas (frozen), salt, pepper |
| 600 g        | fish fillet (coal fish)     |

#### Preparation

1. Heat butter, almonds and curry covered for 1-2 mins on 100P.
2. Add the flour and stir very well.
3. Add raisins, pineapple, pineapple juice, broth and cream, stirring continuously.
4. Cook covered for 2-3 mins. on 100P and stir after cooking.
5. Add the peas and stir.
6. Season with salt and pepper.
7. Place the fish in a quiche dish and pour over the sauce.
8. Cook covered on AUTO COOK AC-4 "Fish fillets with sauce".

### NOTES:

1. These indications are for 1.2 kg. If you want to cook less than 1.2 kg you have to adjust (reduce) the ingredients for the sauce and also the cooking time for the preparation of the sauce, and adjust the quantity of fish.
2. If you want to make the sauce thicker for cod fillet provençal or fish fillet with piquant sauce, remove the fish after cooking and stir in some sauce thickening powder (please follow manufacturer's instructions).



## CARE AND CLEANING

### Caution

Do not use commercial oven cleaners, abrasive harsh cleaners or scouring pads on any part of your microwave oven.

### Oven exterior

The outside of your oven can be easily cleaned with mild soap and water. Make sure that the soap is wiped off with a moist cloth, and dry the exterior with a soft towel.

### Control panel

Open the door before cleaning to de-activate the control panel. Care should be taken in cleaning the control panel. Using a cloth dampened with water only, gently wipe the panel until it becomes clean. Avoid using excessive amounts of water. Do not use any sort of chemical or abrasive cleaner.

### Oven Interior

1. For cleaning, wipe any spatters or spills with a soft damp cloth or sponge after each use while the oven is still warm. For heavier spills, use mild soap

and wipe several times with a damp cloth until all residues are removed.

2. Make sure that mild soap or water do not penetrate the small vents in the walls which may cause damage to the oven.
3. Do not spray type cleaners on the oven interior.
4. Heat up your oven regularly by using the grill, refer to note 2 on page 10. Remaining food or fat splashed can cause smoke or a bad smell.

### Turntable and Roller stay

Remove the turntable and roller stay from the oven. Wash the turntable and roller stay in mild soapy water. Dry with a soft cloth. Both the turntable and the roller stay are dishwasher safe.

### Door

To remove all trace of dirt, regularly clean both sides of the door, the door seals and surfaces with a soft, damp cloth.

### Rack

This should be washed in a mild washing up liquid solution and dried. Rack is dishwasher safe.



## SERVICE CALL CHECK

Please check the following before calling for service.

### 1. Power Supply

Check the power plug is properly connected to a suitable wall outlet.

Check the line fuse/circuit breaker is functioning properly.

### 2. When the door is opened, does the oven lamp light?

YES \_\_\_\_\_ NO \_\_\_\_\_

### 3. Place a cup of water (approx. 150 ml) in the oven and close the door securely.

Programme the oven for one minute on 100P power and start the oven.

Does the oven lamp come on?

YES \_\_\_\_\_ NO \_\_\_\_\_

Does the turntable rotate?

YES \_\_\_\_\_ NO \_\_\_\_\_

**NOTE:** The turntable turns in either direction.

Does the ventilation work?

YES \_\_\_\_\_ NO \_\_\_\_\_

(Place your hand over the ventilation openings and check for air flow.)

After 1 minute does the signal sound?

YES \_\_\_\_\_ NO \_\_\_\_\_

Does cooking in progress indicator go off?

YES \_\_\_\_\_ NO \_\_\_\_\_

Is the cup with water warm after the above operation?

YES \_\_\_\_\_ NO \_\_\_\_\_

### 4. Programme the grill for three minutes and start the oven.

After 3 minutes does the grill heating element become red?

YES \_\_\_\_\_ NO \_\_\_\_\_

If "NO" is the answer to any of the above questions, call your dealer or an authorised SHARP Service Agent and report the results of your check.

## SPECIFICATIONS



|  |                        |                                  |
|--|------------------------|----------------------------------|
| AC Line Voltage                        |                        | : 230V, 50Hz, single phase       |
| Distribution line fuse/circuit breaker |                        | : Minimum 16A                    |
| AC Power required:                     | Microwave              | : 1.35kW                         |
|  | Grill                  | : 1.05kW                         |
| Output power:                          | Microwave              | : 800W (IEC 705)                 |
|  | Grill heating elements | : 1000W (500W x 2)               |
| Microwave Frequency                    |                        | : 2450MHz                        |
| Outside Dimensions                     |                        | : 449mm(W) x 282mm(H) x 388mm(D) |
| Cavity Dimensions                      |                        | : 290mm(W) x 194mm(H) x 313mm(D) |
| Oven Capacity                          |                        | : 18 litres                      |
| Turntable                              |                        | : ø272mm                         |
| Weight                                 |                        | : approx. 14.5 kg                |
| Oven lamp                              |                        | : 25W/240-250V                   |

This equipment complies with the requirements of directives 89/336/EEC and 73/23/EEC as amended by 93/68/EEC.

As part of a policy of continuous improvement, we reserve the right to alter design and specifications without notice



## SERVICE ADDRESSES

### ÖSTERREICH

Bei einer Reklamation Ihrer SHARP Mikrowelle wenden Sie sich bitte an Ihren Fachhändler oder an eine der nachfolgend aufgeführten SHARP SERVICE Niederlassungen.

**Manfred Mayer GmbH**, Stippackgasse 6, 1234 Wien, Phone: 01-6093120, Fax: 01-6993629 / **MCL-Service GmbH**, Deutschstr. 19, 1232 Wien, Phone: 01-6168800, Fax: 01-6168800-15 / **Karl Rother**, Simmeringer Hauptstr. 11, 1110 Wien, Phone: 01-7498432, Fax: 01-7498432-12 / **Roland Göschl**, Bayerhamerstr. 12c, 5020 Salzburg, Phone: 662-882307, Fax: 662-881926 / **Franz Schuhmann**, Gablonzerweg 18, 4030 Linz, Phone: 732-382280, Fax: 732-382280-8 / **Arnold Moser**, An der Heufurt 28, 6900 Brezgenz, Phone: 5574-75777, Fax: 5574-75777 / **Anton Reitmair**, Leopoldsdorf 57, 6020 Innsbruck, Phone: 512-562277, Fax: 512-562277 / **Scheuermann**, Rennsteinerstr. 8, 9500 Villach, Phone: 4242-21174, Fax: 4242-21174 / **Pichler**, Am Wagrain 342, 8055 Graz, Phone: 316-291292, Fax: 316-291292 / **Audio Video Service**, Sonnengasse 13, 9020 Klagenfurt, Phone: 463-43114, Fax: 463-43113

### BELGIUM

En cas d'une réclamation concernant une four a micro-onde SHARP, nous vous prions de vous adresser à votre spécialiste ou à une adresse des SHARP Services suivantes.

Indien uw magnetron problemen geeft kunt u zich wenden tot uw dealer of een van de onderstaande Sharp service centra.

**AVTC**, Kleine Winkellaan 54, 1853 Strombeek-Bever, Phone: 02/2674019, Fax: 2679670,

**ETS HENROTTE**, Rue Du Campinaire 154, 6240 Farciennes, Phone: 071/396290, Fax: 391237

**Nouvelle Central Radio (N.G.R)** Rue des Jons 15 L-1818 HOWALD Phone: 00352404078, Fax: 2402085

### NEDERLAND

Indien uw magnetron problemen geeft kunt u zich wenden tot uw dealer of naar onderstaand Sharp Service Centrum.

**SHARP ELECTRONICS BENELUX BV**, Helpdesk, Postbus 900, 3990 DW Houten, Telefoon: 09-007427728, Fax: 030-6359621

### DEUTSCHLAND

Bei einer Reklamation Ihrer SHARP Mikrowelle wenden Sie sich bitte an Ihren Fachhändler oder an eine der nachfolgend aufgeführten SHARP SERVICE Niederlassungen.

**01067 Dresden**, Gehado Service GmbH, Webergasse 2-4, Tel: 0351-5966254, Fax: -5966244 / **03226 Vetschau**, Bernd Mindach, Juri-Gagarin-Str. 7-9, Tel: 035433-2125 / **04159 Leipzig**, Rudolph Franz, Elli-Voigt-Str. 1, Tel: 0341-581469, Fax: -581469 / **04430 Bienenitz**, OT Gehado Service GmbH Ringstraße 176 Tel: 034205-675/0 Fax: 67544 / **04600 Altenburg**, Mechanik Altenburg, Dostoiewskistr. 17a, Tel: 03447-311102, Fax: -311248 / **06217 Merseburg**, Merseburger Haushaltsg. GmbH, Gotthardstr. 23, Tel: 03461-210290, Fax: -216891 / **06295 Eisleben**, Rudolf Schwarzbach, Hallesche Str. 36, Tel: 03475-3079 / **06618 Naumburg**, Hausgeräte Service, Wenzelstr. 15, Tel: 03445-2016, Fax: -2016 / **06618 Naumburg**, Elektro Schröter, Postring 11-12, Tel: 03445-2960 / **06844 Dessau**, Dessau Elektrik GmbH, Albrechtstr. 116-118, Tel: 0340-213331, Fax: -213332 / **07407 Rudolfsstadt**, Elektro Granowski, Emil-Hartmann-Str. 2, Tel: 03672-32123 / **07545 Gera**, ESS GmbH, Amthorstr. 12, Tel: 0365-6112316, Fax: -6112244 / **07607 Hainitz**, Herrmann & Söhne, Böllschützstr. 1, Tel: 036691-53490, Fax: -53493 / **07973 Greiz**, Elektro Riederer, Reichenbacher Str. 44d, Tel: 03661-3148, Fax: -2488 / **08280 Aue**, Weichhold GmbH, Juri-Gagarin-Ring 12a, Tel: 03771-552222, Fax: -552255 / **08523 Plauen**, Elektrotechnik Plauen, Tel: 03741-26645, Fax: -26868 / **09126 Chemnitz**, Tele-Service GmbH, Bernsdorfer Str. 213, Tel: 0371-586960, Fax: 0371-55938 / **09221 Neukirchen**, Elektro Walther, Hauptstr. 74, Tel: 0371-37061 / **09246 Pleiße**, ETS Elektrotechnische Großh., Zeppelinstr. 8, Tel: 03722-60400, Fax: 03722-604200 / **09328 Lützenau**, Peter Welsch GmbH, Schulstr. 6, Tel: 037383-6434, Fax: -6600 / **09376 Oelsnitz**, Oelsnitz Elektrotechnik GmbH, Bahnhofstr. 43, Tel: 037298-360, Fax: -36102 / **10178 Berlin**, hater Handels-Service GmbH, Dircksenstr. 113-117, Tel: 030-2426915, Fax: -2423924 / **10553 Berlin**, Deubel & Höfermann GmbH Wiebestraße 41 Tel: 030-3455055 Fax: 3455056 / **12157 Berlin**, Michael Kittler, Cranachstr. 2, Tel: 030-8554835, Fax: 030-8554835 / **12681 Berlin**, Gehado Service GmbH Wolfenerstraße 36 Tel: 030-936934/0 Fax: 93693444 / **12683 Berlin**, Deubel + Höfermann, Rapsweg 53, Tel: 030-5619112, Fax: -5619112 / **16866 Kyritz**, hater Handels-Service GmbH, Hamburger Str. 31, Tel: 033971-4137, Fax: -4137 / **17033 Neubrandenburg**, ATV Service GmbH, Woldegker Str. 12, Tel: 0395-587504, Fax: -587518 / **18055 Rostock**, Hetec, Mühlendamm 5, Tel: 0381-36231, Fax: 0381 - 36231 / **18435 Stralsund**, RDS Haushaltsg. Service, Kedingshäger Str. 78, Tel: 03831-391426, Fax: -390121 / **20357 Hamburg**, Dieter Möller, Schulterblatt 132, Tel: 040-435332, Fax: -4302120 / **20537 Hamburg**, Deubel + Höfermann, Eiffestr. 398, Tel: 040-257227, Fax: -2500192 / **23562 Lübeck**, Lutz H. Boenisch, Helmholzstr. 12, Tel: 0451-51929 / **24116 Kiel**, Jürgen Skop GmbH, Eckernförder Str. 93, Tel: 0431-13038, Fax: -13811 / **24357 Fleckeby**, Kaack Haushaltsg. Service, Südring 14, Tel: 04354-700, Fax: -1311 / **24975 Husby**, Günter Josten, Flensburger Str. 41, Tel: 04634-422, Fax: -723 / **25770 Hemmingstedt**, Dirk Stübner, Koesliner Str. 18, Tel: 0481-64943, Fax: -64764 / **26655 Westerstede**, Gerhard Ahrenholz, Südring 37, Tel: 0488-84770, Fax: -847711 / **26802 Moormerland**, Weert Nordbrock, Königstr. 187, Tel: 04954-6654, Fax: -6516 / **27404 Heeslingen**, Helmut Willenbrock, Kirchstr. 9-11, Tel: 04281-1031, Fax: -6467 / **27478 Cuxhaven**, Oskar Wieandt + Sohn, Am Kanal 5, Tel: 04724-81300, Fax: -813050 / **28207 Bremen**, Hansa Haushaltsg. Service, Neidenburger Str. 20, Tel: 0421-492526, Fax: -440932 / **29439 Lüchow**, Elektro Kittler, Güldenboden 25, Tel: 05841-3322, Zentrale: 030-8551335 / **30165 Hannover**, Strickling Werkkundendienste, Meelbaumstr. 8, Tel: 0511-3524686, Fax: -3505800 / **33607 Bielefeld**, Voss GmbH, Kuckucksweg 47, Tel: 0521-285058, Fax: -285059 / **34123 Kassel**, von Rappard GmbH, Heinrich-Hertz-Str. 9, Tel: 0561-580950, Fax: -5809570 / **34128 Kassel**, Elektro Mohrenne, Ahnatalstr. 84, Tel: 0561-61727, Fax: 0561-65470 / **35037 Marburg**, Hans-Georg Fuchs, Wilhelmstr. 16, Tel: 06421-22424, Fax: -27549 / **35415 Pohlheim**, Jung Kundenzentrum, Ludwigstr. 13, Tel: 06403-61131 / **36088 Hünfeld**, Elektro Vogt GmbH, Hauptstr. 22, Tel: 06652-2215, Fax: -5782 / **37671 Hötter**, Elektro-Kühlanlagen Nonn, Krämerstr. 8, Tel: 05271-7959, Fax: -35053 / **38440 Wolfsburg**, G. Gärtner, Grauhorstr. 16, Tel: 05361-31063, Fax: -31272 / **39106 Magdeburg**, Industrie-Elektronik, Kaiser-Otto-Ring 24, Tel: 0391-551402, Fax: -553520 / **40210 Düsseldorf**, Herbert Dahm KG, Bendemannstr. 9, Tel: 0211-35550, Fax: -3555120 / **40476 Düsseldorf**, Horst Leven, Rather Str. 21, Tel: 0211-486025, Fax: -443399 / **41065 Mönchengladbach**, Herbert Hommers, Gutenbergstr. 28, Tel: 02161-603256, Fax: -651951 / **42781 Haan**, Host Kerkühn, Talstr. 8b, Tel: 02129-4466, Fax: -4037 / **44357 Dortmund**, Gehado Service, Freigrafenstr. 23-29, Tel: 0231-937000-0, Fax: 93700044 / **44869 Bochum**, ML Werks-Service GmbH, Ruhrstr. 181, Tel: 02327-77899, Fax: -74692 / **45219 Essen**, R. Drengenberg, Corneliusstr. 39, Tel: 02054-84114 / **46045 Oberhausen**, Elektro Kroppen, Feldmannstr. 76, Tel: 0208-871711, Fax: -876652 / **48165 Münster**, Günter Pfeifer, Rohrkampstr. 23, Tel: 02501-3033 / **49324 Melle**, Borgards GmbH, Plettenberger Str. 50, Tel: 05422-949740, Fax: -949792 / **49492 Westerkappeln**, Elektro Iborg, Goedekingstr. 8, Tel/Fax: 05404-1616 / **50827 Köln**, Hermann F. Esser, Wilhelm-Mauser-Str. 47, Tel: 0221-583006, Fax: -585555 / **51598 Friesenhagen**, Hans Krempel Haustechnik, Mühlenhof 6, Tel: 02734-7377, Fax: -40618 / **52146 Würselen**, Hubert Hamacher, De Gasperi-Str. 6+10, Tel: 02405-9600, Fax: -2704 / **53757 Sankt Augustin**, HDL Elektro-Kundendienst, Kölnstr. 4, Tel: 02241-334408, Fax: -920334 / **54309 Newel**, Hans Krempel Haustechnik, Römerstr. 22, Tel: 06505-8899 / **55130 Mainz**, Norbert Schwamb, nur telefonische Annahmestelle, Tel: 06131 - 881070 / **55543 Bad Kreuznach**, Hans Krempel Haustechnik, Industriestr. 1, Tel: 0671-7940, Fax: -79446 / **55569 Monzingen**, Hans Krempel GmbH Jahnstraße 16 Tel: 06751-2841 Fax: 2841 / **56070 Koblenz**, Hans Krempel Haustechnik, August-Horch-Str. 14, Tel: 0261-890938, Fax: -83074 / **57080 Siegen**, Hans Krempel Haustechnik, Gosenbacher Hütte 44, Tel: 0271-354114, Fax: -351408 / **57234 Wilnsdorf**, Elektro Mutschler, Hauptstr. 18, Tel: 02739-3069, Fax: -4699 / **58239 Schwerte**, HHKT Electronica J. 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